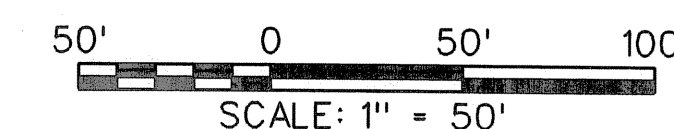


# NOTES

1. REMOVE 3 EXISTING SUBMERSIBLE STORM WATER PUMPS, PIPING, AND VALVES, FLOATS, CONTROL WIRING AND ASSOCIATED CONDUIT, IN EXISTING STORMWATER PIT.
2. INSTALL 3 (THREE) NEW SUBMERSIBLE STORMWATER PUMPS, SP-6, SP-7, AND SP-8 IN EXISTING PIT.
3. REPLACE ALL EXISTING PIPING AND VALVES IN PIT, UP TO POINT OF CONNECTION WITH DISCHARGE PIPING AT PIT WALL PENETRATION. NEW PIPING IN PIT SHALL BE 4" DIAMETER.
4. FOR EACH PUMP INSTALL NEW CHECK VALVES AND FULL PORT ISOLATION BALL VALVES. NEW PIPING LAYOUT SHALL MATCH EXISTING PIPING ARRANGEMENT. VERIFY AND COORDINATE WITH RE.
5. INSTALL NEW CONTROLS, FLOATS, ASSOCIATED CONDUIT, AND WIRING IN PIT TO MATCH EXISTING CONTROLS, WIRING, AND FLOATS BEING REMOVED. CONNECT NEW CONTROLS TO EXISTING PUMP CONTROL BOX IN BASEMENT. PROVIDE SEQUENCE OF PUMP CONTROL TO MATCH THAT OF THE EXISTING SYSTEM BEING REMOVED. SILICONE SEAL ALL NEW AND EXISTING CONDUIT PENETRATIONS IN PIT. USE DOW CORNING 795 OR EQUAL.
6. REMOVE EXISTING VENTILATION FANS AND VENT PIPING. WELD NEW METAL COVER OVER VENT OPENING IN PIT COVER. COORDINATE WITH RE.
7. PROVIDE TEMPORARY PUMPS TO MAINTAIN PIT STORMWATER DRAINAGE DURING PUMP REMOVAL AND REPLACEMENT. COORDINATE WITH RE.
8. VERIFY SPACE AVAILABLE FOR INSTALLATION AND NOTIFY R.E. OF ANY CONFLICTS OR SPACE CONSTRAINTS BEFORE BEGINNING WORK AND PROVIDING PUMP SUBMITTAL DATA.
9. PUMP EQUAL TO GOULDS SUBMERSIBLE PUMP, MODEL 3888 D4, WS50D4. SCHEDULED GPM AND HEAD ARE FOR ONE 5HP PUMP OPERATING BY ITSELF.
10. PUMP EQUAL TO GOULDS SUBMERSIBLE PUMP, MODEL 3887D4, WS1034BF.

NEW SUMP PUMP SCHEDULE						
MARK	LOCATION	SERVES	GPM	ELECTRICAL	FT. HD	NOTES
SP-6	EMH-2	STORM DRAIN	360	5 HP, 460V	30	SEE NOTE 9
SP-7	EMH-2	STORM DRAIN	360	5 HP, 460V	30	SEE NOTE 9
SP-8	EMH-2	STORM DRAIN	58	1 HP, 460V	30	SEE NOTE 10

EXISTING  
STORMWATER  
DRAINAGE  
PIT EMH-2.  
NOTES 1 THRU 8



A		12/15/2008	ENGINEERING REVISION (R. ESTRADA) NXS	622533	12/08/2008	92		
REV	APPROVED DATE	DESCRIPTION		JCN	REDLINE DATE	APVD		
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA								
ARTCC								
STORM WATER PUMPS AND SEWER SYSTEM REPLACEMENT PROJECT STORM PUMP REPLACEMENT								
HILLIARD		JACKSONVILLE CENTER			FL			
REVIEWED BY	SUBMITTED BY ORIGINAL SIGNED BY:		APPROVED BY ORIGINAL SIGNED BY:					
	<b>Christopher G. Richard</b>		<b>Roberto Estrada, for</b>					
	PROJECT ENGINEER		MGR: ENGINEERING - ATLANTA					
	DESIGNED	MO	ISSUED BY	DATE	JCN	622533		
	DRAWN	DS	ENGINEERING SERVICES	06/26/2008		REV		
	CHECKED		TERMINAL	DRAWING NO				
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